

Converting Colors

CIELCh(72, 19.515, 141.741)

Have a look what the booklet for
CIELCh(72, 19.515, 141.741)
contains.

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Color

CIELCh(72, 19.535, 141.736)

Conversions

Conversions Part 1

Format	Color
Hex	9CB89A
RGB	156, 184, 154
RGB Percent	61%, 72%, 60%
CMY	0.3884, 0.2786, 0.3962
CMYK	0.15, 0.00, 0.16, 0.28
HSL	116°, 17%, 66%
HSV	116°, 16%, 72%
XYZ	36.6634, 43.6590, 37.0487
YIQ	172.2080, -7.0580, -15.2660

Conversions

Conversions Part 2

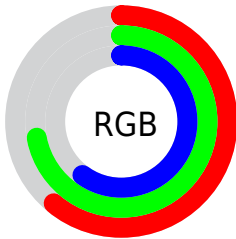
Format	Color
RYB	154, 184, 182
Decimal	10270874
CIELab	72.00, -15.34, 12.10
CIELCh	72, 19.535, 141.736
Yxy	43.6590, 0.3124, 0.3720
Android (android.graphics.Color)	4288460954 (0xFF9CB89A)
YUV	172.2080, -8.9765, -14.2144
Hunter-Lab	66.0750, -16.5859, 13.0082

Details

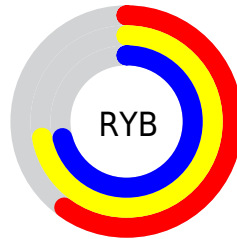
The CIELCh color **72, 19.535, 141.736** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **67, 19.595, 323.447**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 19.629, 141.182**, and **52, 19.626, 142.230** is the 20% darker color. If you saturate the color by 10%, you get **71, 31.567, 141.047**, and if you desaturate by 10%, it is **74, 7.512, 142.346**.

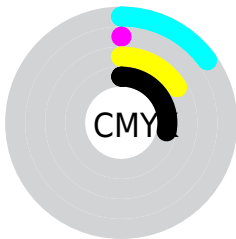
Distribution



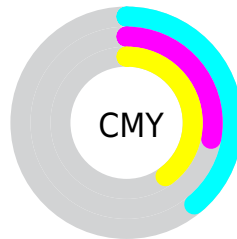
- Red (61%)
- Green (72%)
- Blue (60%)



- Red (60%)
- Yellow (72%)
- Blue (71%)



- Cyan (15%)
- Magenta (0%)
- Yellow (16%)
- Black (28%)





- Cyan (39%)
- Magenta (28%)
- Yellow (40%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 19.535, 141.736 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 72, 19.535, 141.736 by changing the saturation by 10% instead.


 72, 19.535,
141.736


 72, 19.535,
141.736


 100, 19.535,
141.736


 62, 19.535,
141.736


 92, 19.535,
141.736

 52, 19.535,
141.736

 42, 19.535,
141.736

 32, 19.535,
141.736

 22, 19.535,
141.736

 12, 19.535,
141.736

 2, 19.535, 141.736

0, 19.535, 141.736

72, 19.535,
141.736

72, 19.535,
141.736

71, 31.567,
141.047

74, 7.512, 142.346

69, 43.421,
140.261

75, 4.373, 322.768

68, 54.854,
139.386

77, 16.026,
323.234

67, 65.552,
138.451

79, 27.388,
323.604

66, 75.117,
137.518

82, 38.422,
323.915

66, 83.077,
136.690

83, 44.514,
325.966

■ 66, 88.945,
136.100

■ 65, 92.436,
135.844

■ 65, 93.363,
135.735

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



72, 19.535, 141.736



67, 19.595, 323.447

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



72, 19.535, 141.736



72, 19.535, 191.736



72, 19.535, 321.736



72, 19.535, 11.736

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



72, 19.537, 141.737



94, 7.374, 142.419



74, 15.095, 105.714



50, 5.031, 142.377



97, 0.011, 296.813



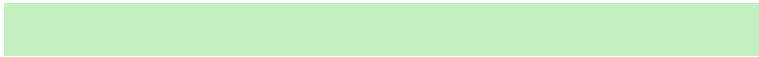
50, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



72, 19.537, 141.737



91, 29.743, 141.470



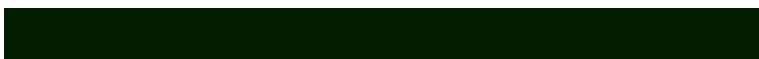
72, 14.571, 158.925



38, 6.751, 142.167



56, 82.414, 135.676



8, 18.599, 143.136

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



67, 19.595, 323.447



83, 29.839, 323.650



67, 14.787, 341.503



36, 6.769, 323.089



35, 80.190, 325.662



3, 18.212, 321.913

Previews

White Background



This preview shows how the CIELCh color 72, 19.535, 141.736 looks on a white background.

Color Contrast Check

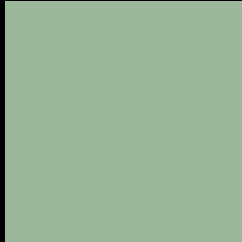
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 72, 19.535, 141.736 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

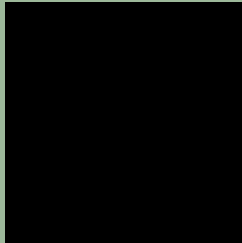
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 19.535, 141.736

Background



This preview shows how black text looks on a background with the CIELCh color 72, 19.535, 141.736.

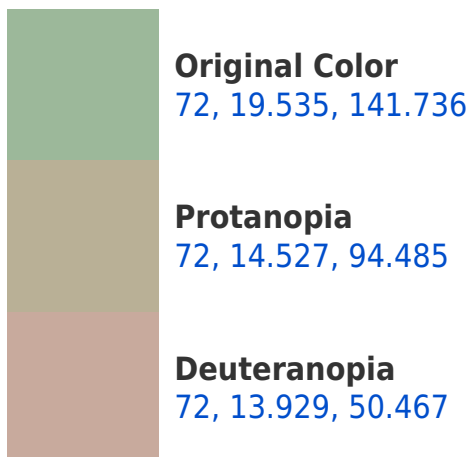


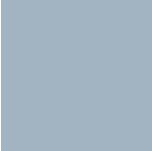
This preview shows how white text looks on a background with the CIELCh color 72, 19.535, 141.736.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

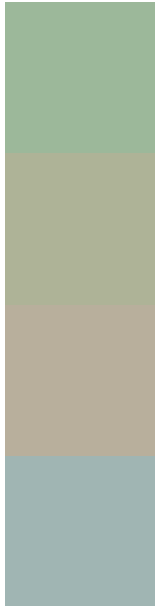
Dichromacy





Tritanopia
72, 9.568, 252.130

Trichromacy



Original Color
72, 19.535, 141.736

Protanomaly
72, 15.274, 116.075

Deuteranomaly
72, 10.891, 90.169

Tritanomaly
72, 7.738, 190.726

Monochromacy



Original Color
72, 19.535, 141.736

Achromatopsia
70, 0.009, 296.813

Achromatomaly
71, 7.123, 141.685

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 19.535, 141.736 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(156, 184, 154)` looks like.

```
.text, #text, p{  
    color:rgb(156, 184, 154)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(156, 184, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 184, 154) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 19.535, 141.736 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(156, 184, 154) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(156, 184, 154) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(156, 184, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 184, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 184, 154);  
box-shadow:4px 4px 4px 4px rgb(156, 184,  
154) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 19.535, 141.736 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 184, 154) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(156,  
184, 154) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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